

Fig. 1A

SEQ ID NO. 3

ATGAGCAGC AGCTGCTCAG GGCTGAGCAG GGTCCCTGGTG GCCGTGGCTA CAGCCCTGGT  
GTCTGCCTCC TCCCCCTGCC CCCAGGCCTG GGGCCCCCCA GGGGTCCAGT ATGGGCAGCC  
AGGGAGGTCC GTGAAGCTGT GTTGTCTCTGG AGTGACTGCC GGGGACCCAG TGTCTTGTT  
TCGGGATGGG GAGCCAAAGC TGCTCCAGGG ACCTGACTCT GGGCTAGGGC ATGAACTGGT  
CCTGGCCAG GACAGACAGCA CTGATGAGGG CACCTACATC TGCCAGACCC TGGATGGTGC  
ACTTGGGGGC ACAGTGACCC TGCAGCTGGG CTACCCTCCA GCCC GCCCTG TTGTCTCCTG  
CCAAGCAGCC GACTATGAGA ACTTCTCTTG CACTTGAGGT CCCAGCCAGA TCAGCGGTTT  
ACCCACCCGC TACCTCACCT CCTACAGGAA GAAGACAGTC CTAGGAGCTG ATAGCCAGAG  
GAGGAGTCCA TCCACAGGGC CCTGGCCATG CCCACAGGAT CCCCTAGGGG CTGCCCCGCTG  
TGTTGTCCAC GGGGCTGAGT TCTGGAGCCA GTACCGGATT AATGTGACTG AGGTGAACCC  
ACTGGGTGCC AGCACACGCC TGCTGGATGT GAGCTTGACG AGCATCTTGC GCCCTGACCC  
ACCCAGGGC CTGCGGGTAG AGTCAGTACC AGGTTACCCC CGACGCCTGC GAGCCAGCTG  
GACATACCCT GCCTCCTGGC CGTGCCAGCC CCACTTCCTG CTCAAGTTCC GTTTGCAGTA  
CCGTCCGGCG CAGCATCCAG CCTGGTCCAC GGTGGAGCCA GCTGGACTGG AGGAGGTGAT  
CACAGATGCT GTGGCTGGGC TGCCCCATGC TGTACGAGTC AGTGCCCGGG ACTTTCTAGA  
TGCTGGCACC TGGAGCACCT GGAGCCCGGA GGCCTGGGGA ACTCCGAGCA CTGGGACCAT  
ACCAAAGGAG ATACCAGCAT GGGGCCAGCT ACACACGCAG CCAGAGGTGG AGCCTCAGGT  
GGACAGCCCT GCTCCTCCAA GGCCCTCCCT CCAACCACAC CCTCGGCTAC TTGATCACAG  
GGACTCTGTG GAGCAGCTGG TGCCACGCGG TTCTCATCAC CATCATCACC ACTGA

Fig. 1B

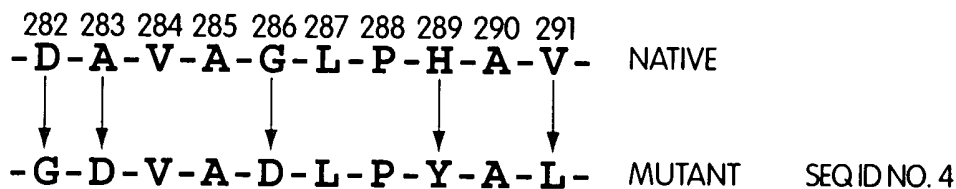


Fig. 2

MSSSCSGLSRVLVAVATALVSASSPCPQAWGPPGVQYGQPGRSVKLCCP  
 GVTAGDPVSWFRDGEPKLLQGPD SGLGHELVLAQADSTDEGTYICQTL  
 DGALGGTVTLQLGYPPARPVVSCQAADYENFSCTWSPSQISGLPTRYLT  
 SYRKKTVLGADSQRRSPSTGPWPCPDPLGAARCVVHGAEFWSQYRIN  
 VTEVNPLGASTRLLDVSLQSILRPDPPQGLRVESVPGYPRRLRASWTYP  
 ASWPCQPHFLLKFRLQYRPAQHPAWSTVEPAGLEEVITDAVAGLPHAV  
 RVSARDFLDAGTWSTWSPEAWGTPSTGTIPKEIPAWGQLHTQPEVEPQV  
 DSPAPPRPSLQPHPRLLDHRDSVEQVAVLASLGILSFLGLVAGALALGL  
 WLRRRGGKDGSPKPGFLASVIPVDRRPGAPNL

\*BOLDED AMINO ACIDS: HUMAN INTERLEUKIN 11 RECEPTOR PROTEIN  
 SEQUENCE THAT INTERACTS WITH INTERLEUKIN 11

Fig. 3

	PEPTIDE	PEPTIDE SEQUENCE	ANTAGONISTIC ACTIVITY
SEQ ID NO. 1	1	<b>RRLRASW</b> TYPASWPCQPHFL	YES
SEQ ID NO. 2	2	TYPASWPCQPHFLLKFRLQY	NO

Fig. 4

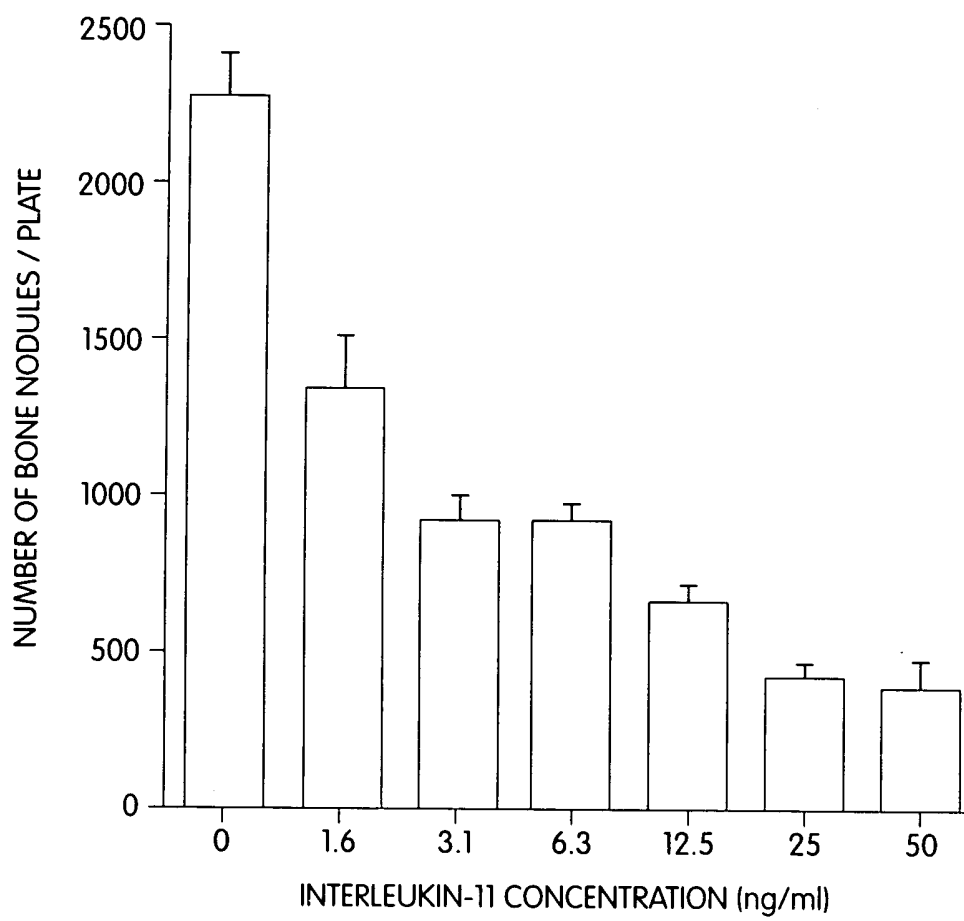


Fig. 5

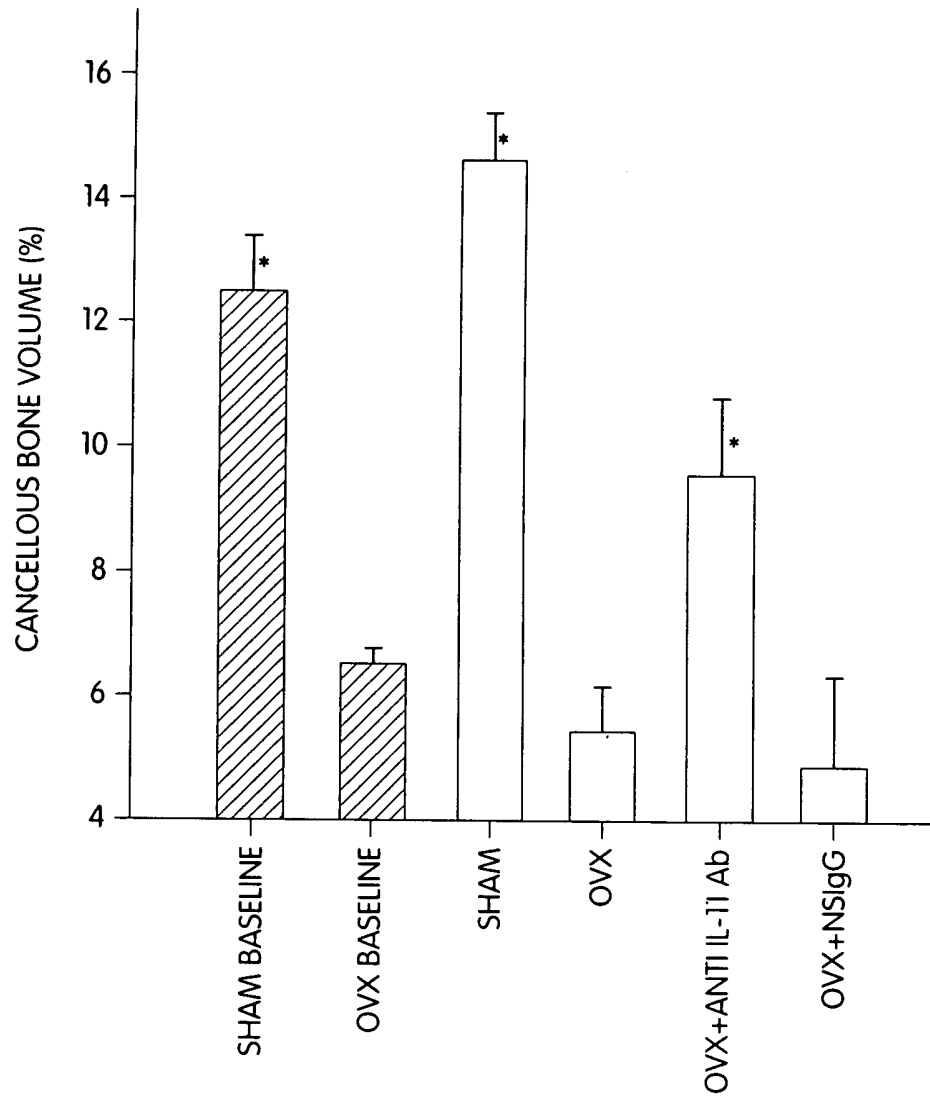


Fig. 6A

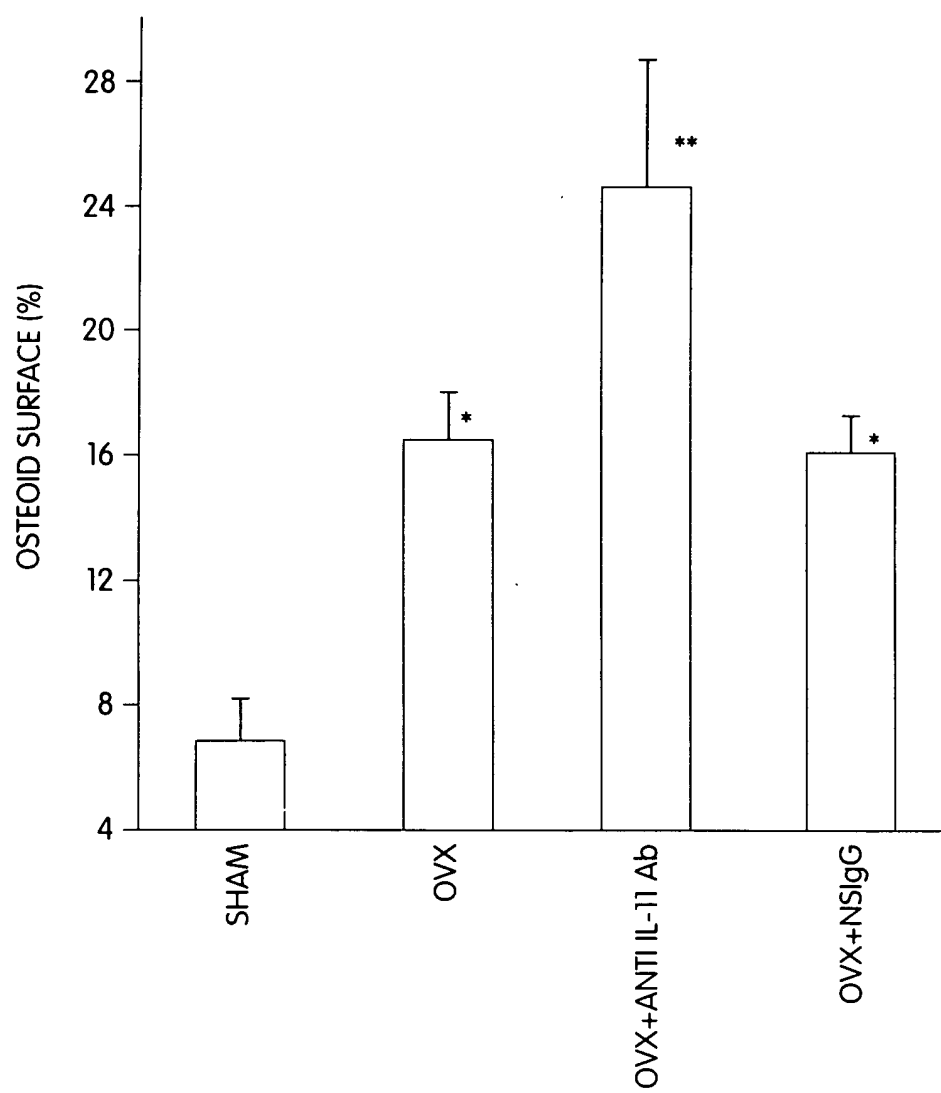


Fig. 6B

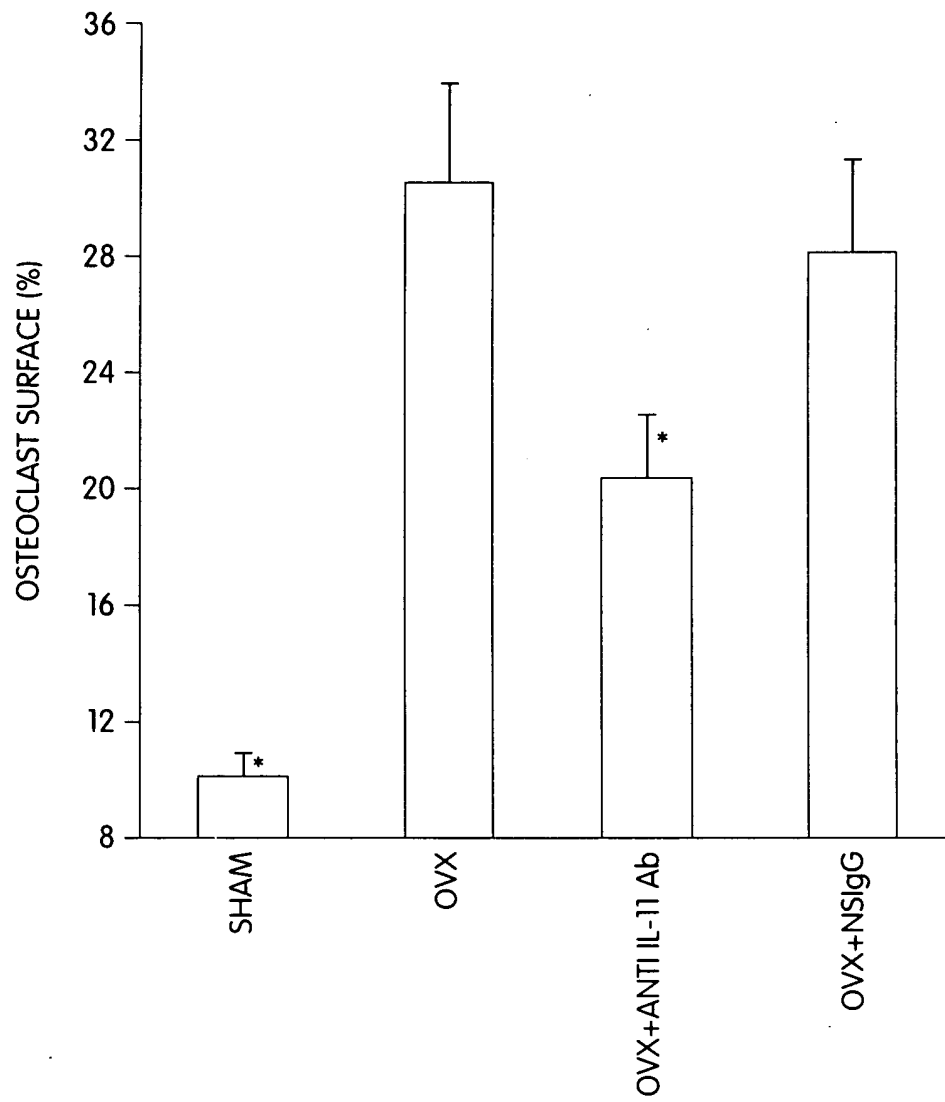


Fig. 6C



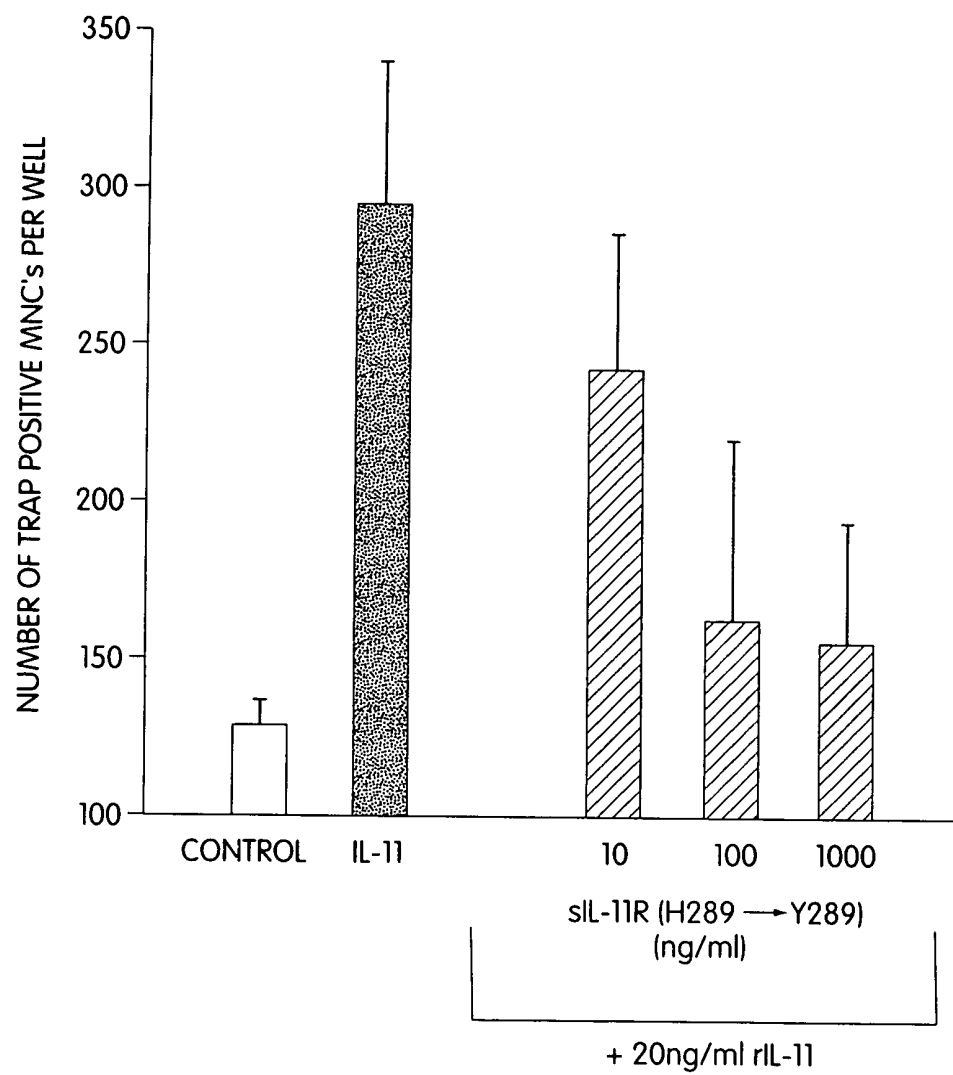


Fig. 7A

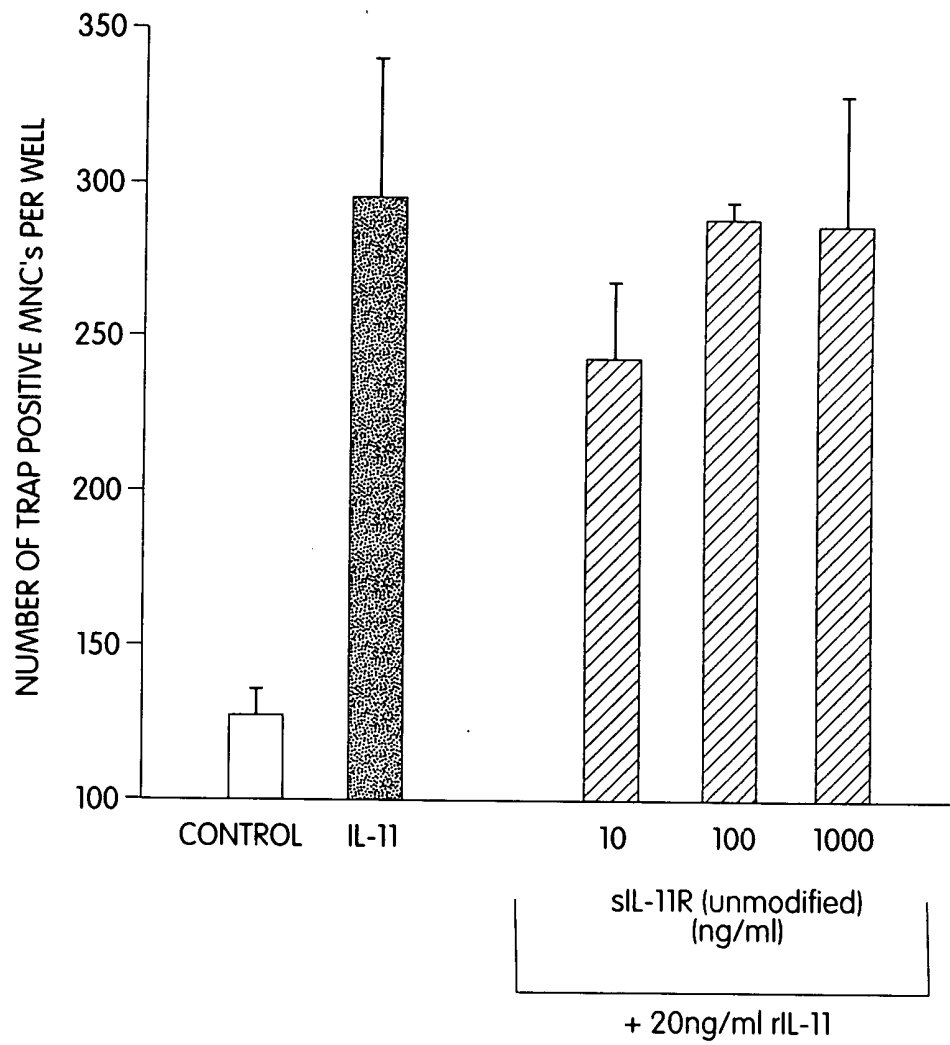


Fig. 7B

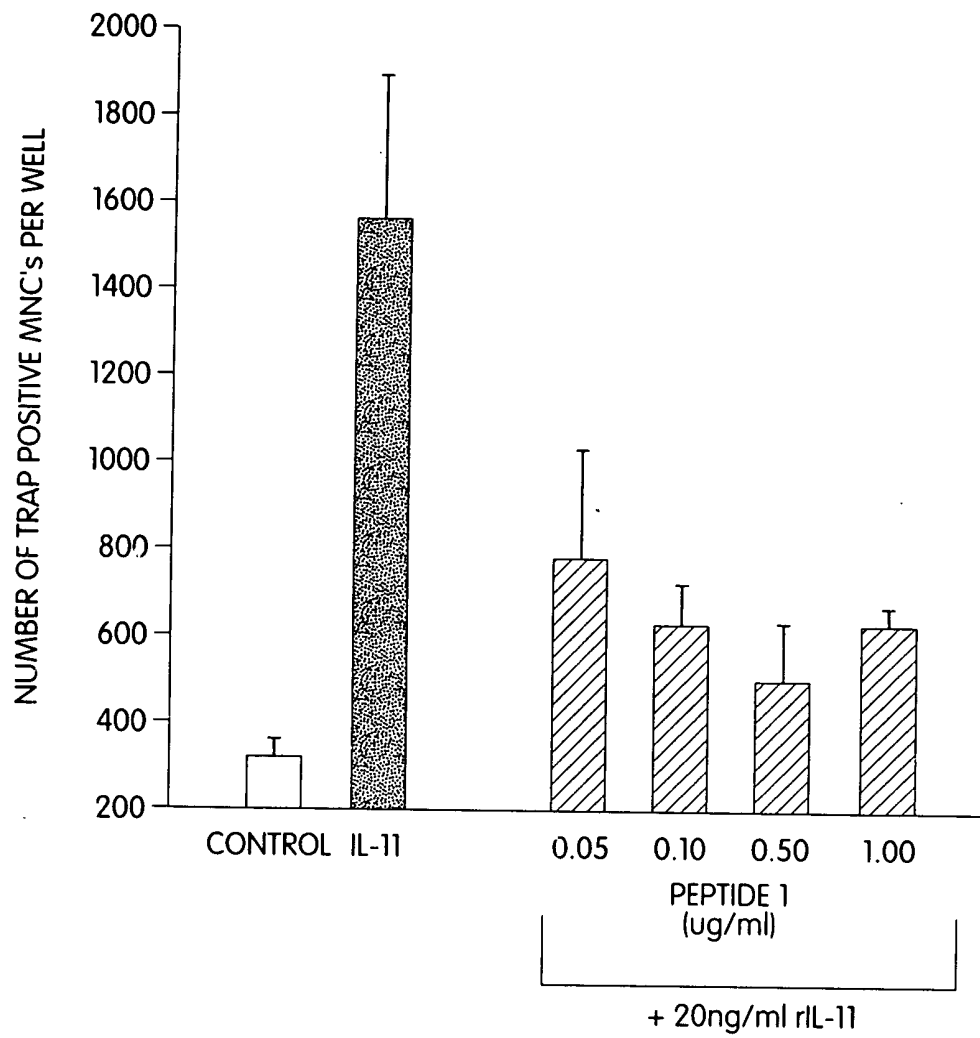


Fig. 8

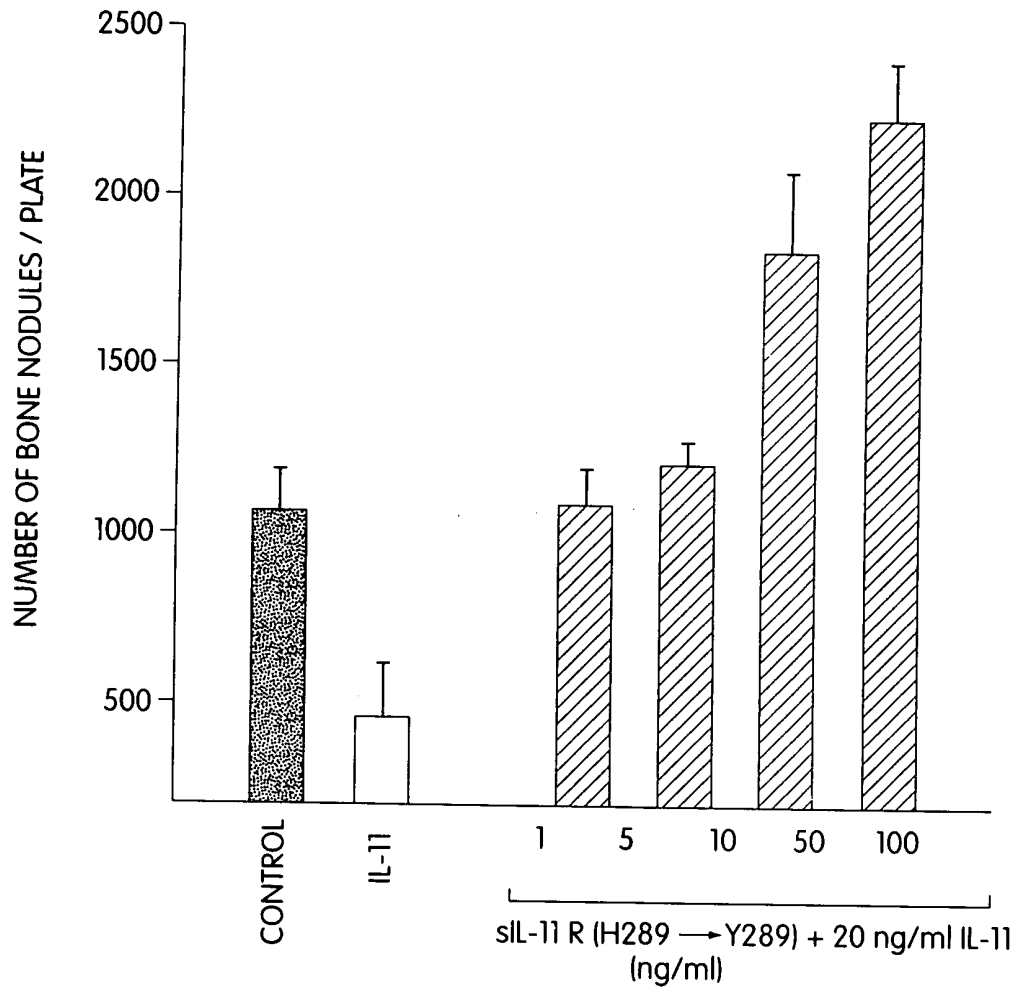


Fig. 9

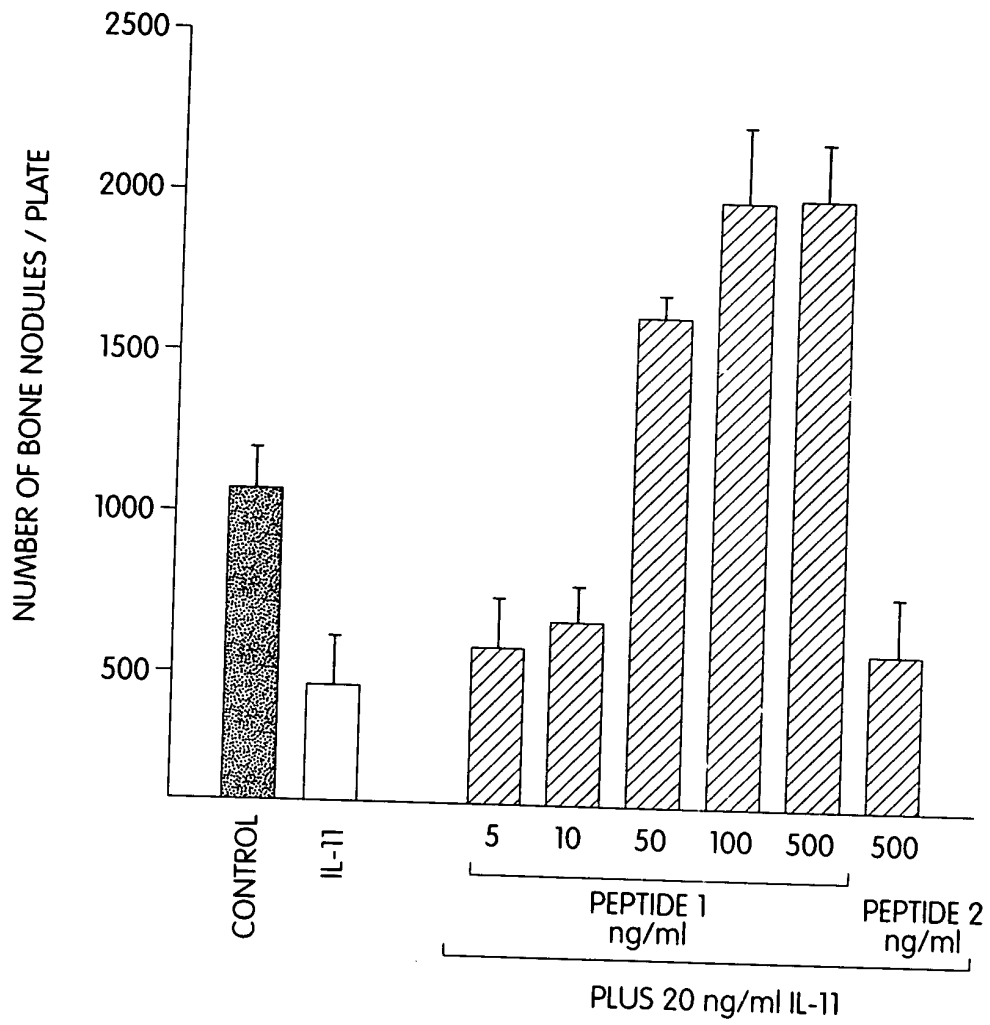


Fig. 10